

IN THE CLAIMS

Please amend the claims as follows.

Listing of Claims:

1. (Currently Amended) A biological stimulant for use in bioremediation via enhanced reductive dehalogenation, comprising:

Lactose, comprising from about 40% to about 85% by weight of said biological stimulant; and

Brewer's Yeast, comprising from about 15% to about 60% by weight of said biological stimulant;

wherein said biological stimulant acts as is an electron donor in said reductive dehalogenation.

2. (Canceled).

3. (Canceled).

4. (Original) The biological stimulant of claim 1, wherein said Lactose comprises approximately 70% by weight of said biological stimulant, and wherein said Brewer's Yeast comprises approximately 30% by weight of said biological stimulant.

5. (Original) The biological stimulant of claim 1, said biological stimulant further comprising fatty acids.

6. (Original) The biological stimulant of claim 1, said biological stimulant further comprising vegetable oil.

7. (Original) The biological stimulant of claim 6, said biological stimulant further comprising fatty acids.

8. (Currently Amended) A biological stimulant for use in bioremediation via enhanced reductive dehalogenation, comprising:

Lactose;

Brewer's Yeast; and

vegetable oil, said vegetable oil coating said Lactose and said Brewer's Yeast; wherein said biological stimulant acts as is an electron donor in said reductive dehalogenation and said vegetable oil coating reduces said biological stimulant's aqueous solubility.

9. (Original) The biological stimulant of claim 8, said biological stimulant further comprising fatty acids.

10. (Original) The biological stimulant of claim 8, wherein said Lactose comprises approximately 40% to 85% by weight of said biological stimulant.

11. (Previously Presented) The biological stimulant of claim 8, wherein said Brewer's Yeast comprises approximately 60% to 15% by weight of said biological stimulant.

12: (Currently Amended) A reductive halogenation composition, biological stimulant comprising:

a biodegradable sugar, comprising from about 40% to about 85% by weight of said biological stimulant; and

Brewer's Yeast, comprising from about 15% to about 60% by weight of said biological stimulant;

wherein said biological stimulant ~~acts as is~~ an electron donor in ~~said~~ reductive dehalogenation processes.

13. (Original) The biological stimulant of claim 12, wherein said biodegradable sugar comprises a sugar selected from the group consisting of Lactose, Dextrose, and Sucrose.

14. (Original) The biological stimulant of claim 12, wherein said biological stimulant further comprises fatty acids.

15. (Original) The biological stimulant of claim 12, wherein said biological stimulant further comprises vegetable oil, and wherein said vegetable oil coats said biodegradable sugar and said Brewer's Yeast.

16. (Original) The biological stimulant of claim 15, wherein said biological stimulant further comprises fatty acids.

17. (Canceled).

18. (Canceled).

19. (New) A method of enhancing reductive halogenation comprising administering to chlorinated volatile organic compound-contaminated soil a mixture comprising:

a biodegradable sugar; and

Brewer's Yeast.